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**POLYMERIZATION INITIATOR AND POLYMERIZATION PROCESS**

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**Abstract: PURPOSE:** To provide a radical polymerization initiator expressed by a specific formula, having living radical polymerization initiation performance, giving a polymer having high molecular weight and narrow molecular weight distribution and useful for the production of a polymer containing various functional groups introduced to the terminals.

**CONSTITUTION:** The objective polymerization initiator is expressed by formula [R1 is (substituted) aliphatic hydrocarbon group, (substituted) alicyclic hydrocarbon group or (substituted) aromatic hydrocarbon group; R2 to R4 are (substituted) aromatic hydrocarbon group].

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